COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WATER QUALITY MANAGEMENT PRE-APPLICATION PLANNING REVIEW PROJECT EVALUATION FORM

3.	City of 1180 Mu Respons Guarin Municip County Receivi		Dept. s Bldg. Cormo F. nmissioner	2	ame and address on ngineer Greeke 22 South Riversion 100 (100 (100 (100 (100 (100 (100 (100	y & F le Pla	Engrs.
	A. Che	ck all applicat	ole boxes				
	\Box	Collection /	New System	<i>[]</i>	Extensions to Existing System	İ	Replacement to Exisitng System
E.		Conveyance	New System		Extensions to Existing System		Replacement or Relief of Existing System
	[X]	Treatment [New System	X/	Expansion of Existing Plant	12	Upgrading of Existing Plant
		Expand & Upgrade Upgrade Water Accordance Saned July, 19	r Pollution Contr with Joint Order:	Treatm rol Pla s of the	ect nent Facilities at nt, 80th & Penro Pa, D, E, R, and	se Av DRE	re. Pail:
	(1)	Collection:	ft. of gr	avity s	sewer, to s, and		
	(2)	Conveyance:	in diameter;		sewer, to		
	(3)	Grit & Screen Activated Slun Chlorinations	ing Removal, & dge Treatment,	Prima Firal S 4s & Sc	Preliminary trea ry Settling) Folic ledimontation, accuming the incin- rged to Sea.	d Eff	by Ωxygen .uert—

D.		ch a map, maximum size 11" x 17 een existing and proposed:	" locating	and diffe	erentiating			
See Si	(3)	Collection Systems Conveyance Sewers Treatment plant site(s) -Site Flan Index - Southwest I	i	informatio	ailed Design Studies			
4. Prop	posed	Project Design Basis	October 1972 Items A-C complete applicable information concerning just the					
Α.	Coll	ection	proposed project. For all projects complete D-F.					
,	(1)	Design year						
	(2)	Type areas to be served (residential, commerical, etc.)						
0		,	Initial		Design			
	(3)	Equivalent population to be served		55				
	(4)	Area to be served (in acres)						
В.	Conv	reyance						
	(1)	Design year						
	(2)	Type areas to be served (residential, commerical, etc.)						
			Initial		Design			
	(3)	Equivalent population to be served		-				
	(4)	Area to be served (in acres)						
С.	Trea	Treatment						
	(1)	Design year 1990 Design F	1ow210)P	opulation served			
	(2)	Type area to be served (reside Residential, Commercial, ar						
	(3)	Wastewater flows (at receiving			s Design year (1990)			
		Average daily flow Existing service area Proposed service area Future service area Total Estimated percent		D 144 I	MGD 151 MGD MGD 59 MGD MGD 210 MGD			

(4) Wastewater characteristics - (If these values are not consistent with the Sewerage Manual, provide Design Year - 1990 an explanation.)

5	Raw	Treated
Solids-Suspended mg/1	279	28
BOD - 5 day - 20°C mg/l Nitrogen - ammonia mg/l	.193	13
Phosphate - total soluble	9	
P04mg/1	7	<10 as P

- D. Service area domestic population (to be completed for all projects)
 - (1) Sewage treatment plant service area

Year	Existing Service Area(s)	Proposed Service Area(s)		Future Service Area(s)	
1940 1950 1960 1970 Present 1980	880,000 910,000 913,000	1,250,000	25	Note:	If any values in this table exceed the design of the treatment plant, provide an explanation.
2020 Municipalit	ies ²	1, 355, 000 1, 725, 000		3,710,000 1	Design Year is 1990, Therefore 2020 Pop ulation Exceeds Desig
served	3	8		11	ß E

Give the source(s) of the information provided in 4 A to D.

Phila. Southwest Plant Report On Design Studies - October 1972

Assumes Completely Regional Plant

(2)

² County Population Included in Service Area Population in D-1

(3) If more than one municipality is listed in (D-1); list domestic population in each for the following years:

Existing Service Area(s) Municipality Name	Present	1980	1990	2020
Upper Darby Springfield Lower Merion	250,000			
Proposed Service Area(s) Municipality Name	Present	1980	1990	2020
Upper Darby, Springfield, Lower Merion Eastern Dolawere Co. Whitemersa, Upper Dubli		275,000 430,000 48,000	310,000 485,000 75,000	365,000 585,000 95,000
Upper & Lower Gwynedd				